NCC LIMITED

BRUHAT BENGALURU MAHANAGAR PALIKE

Whitetopping of road from Shesadripuram First Grade College to Aroma Bakery Junction via 3rd A cross Road,1st A Main Road,16th B Cross Road

MEASUREMENT SHEET

BOQ Item no. 9

Providing and laying White Topping as per IRC:SP76-2008 over bituminous surface (Existing bituminous surface preparation to be done if necessary either by milling or levelling course with BM/DBM to correct surface profile and to be paid separately) with unreinforced M-40 grade pavement quality concrete (PQC)using polymeric synthetic fibre as per ASTM (1116) such as polyester I polyethylene I polypropylene at 1.20 kg/cum, mixed in batching and mixing plant or weigh batcher as per approved mix design to achieve minimum flexural strength or modulus of rupture of concrete 4.50 MPa at 28 days limiting maximum water cement ratio to 0.40, transported to site, laid with mechanical paver finisher, spread, vibrated, compacted and finished in a continuous operation to the lines and grades as per drawing, texture finishing of surface, spraying two layers of curing compound, curing with water sprayed on hessian cloth coverd over concrete surface, groove cutting to a depth of 1/3 of the slab depth and of width 3-5 mm including the cost of filling the joint with joint sealant as per IRC-15. as per design (grove cutting to be paid separately). For Thin white Topping and ultra thin white topping the groove cutting shall be 1.25mm x 1.25m grid including cost of all materal, side form work, labour and HOM of machineries etc. complete as per specifications.) -Do- with unreinforced M40 grade pavement quality concrete using Cum 5,813.00 43 grade OPC @ 420 kg/cum, coarse aggregate, fine aggregate and Admixture confirming to IS 9130-1999 (R-2004)

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	For MCW PQC										
	FROM DAIRY CIRCLE JUNCTION TO CHIKKBOMMSANDRA JUNCTION										
1	1100.00	1108.00	CUM	1				7.5	0.17	0	not done
2	1108.00	1109.00	CUM	1				7.5	0.17	0	culvert
3	1109.00	1125.00	CUM	1				7.5	0.17	0	not done
4	1125.00	1155.00	CUM	1	30.00			7.5	0.17	38.25	
5	1155.00	1185.00	CUM	1	30.00			7.5	0.17	38.25	
6	1185.00	1215.00	CUM	1	30.00			7.5	0.17	38.25	
7	1215.00	1245.00	CUM	1	30.00			7.5	0.17	38.25	
8	1245.00	1275.00	CUM	1	30.00			7.5	0.17	38.25	
9	1275.00	1305.00	CUM	1	30.00			7.5	0.17	38.25	
10	1305.00	1335.00	CUM	1	30.00			7.5	0.17	38.25	
11	1335.00	1339.00	CUM	1	4.00			7.5	0.17	5.1	
12	1339.00	1340.00	CUM	1				7.5	0.17	0	culvert-2(agarval hospital)
13	1340.00	1343.00	CUM	1	3.00			7.5	0.17	3.825	
14	1343.00	1373.00	CUM	1	30.00			7.5	0.17	38.25	
15	1373.00	1390.00	CUM	1	17.00			7.5	0.17	21.675	
16	1390.00	1392.00	CUM	1				7.5	0.17	0	culvert
17	1392.00	1422.00	CUM	1	30.00			7.5	0.17	38.25	
18	1422.00	1452.00	CUM	1	30.00			7.5	0.17	38.25	
19	1452.00	1482.00	CUM	1	30.00			7.5	0.17	38.25	
20	1482.00	1496.00	CUM	1	14.00			7.5	0.17	17.85	
21	1496.00	1497.00	cum	1							culvert
22	1497.00	1500.00	CUM	1	3.00			7.5	0.17	3.825	
	1500.00	1530.00	CUM	1	30.00			7.5	0.17	38.25	

A.E.E. (Project)

A.E.E. (Project)

511.28

NCC LIMITED Bangalore

CONTRACTOR

PMC

Asst. Executive Engineer

Project Division

CF 511.28

Sl No	Chainage		Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	From	To									
24	1530.00	1560.00	CUM	1	30.00			7.5	0.17	38.25	
25	1560.00	1590.00	CUM	1	30.00			7.5	0.17	38.25	
26	1590.00	1620.00	CUM	1	30.00			7.5	0.17	38.25	
27	1620.00	1650.00	CUM	1	30.00			7.5	0.17	38.25	
28	1650.00	1680.00	CUM	1	30.00			7.5	0.17	38.25	
29	1680.00	1710.00	CUM	1	30.00			7.5	0.17	38.25	
30	1710.00	1740.00	CUM	1	30.00			7.5	0.17	38.25	
31	1740.00	1746.00	CUM	1	6.00			7.5	0.17	7.65	
32	1746.00	1747.00	CUM	1				7.5	0.17		culvert
33	1747.00	1777.00	CUM	1	30.00			7.5	0.17	38.25	
34	1777.00	1807.00	CUM	1	30.00			7.5	0.17	38.25	
35	1807.00	1837.00	CUM	1	30.00			7.5	0.17	38.25	
36	1837.00	1867.00	CUM	1	30.00			7.5	0.17	38.25	
37	1867.00	1897.00	CUM	1	30.00			7.5	0.17	38.25	
38	1897.00	1927.00	CUM	1	30.00			7.5	0.17	38.25	
39	1927.00	1957.00	CUM	1	30.00			7.5	0.17	38.25	
40	1957.00	1980.00	CUM	1	23.00			7.5	0.17	29.325	
					850.00						
	buffer zone(Cross roads)										
	Stretch : From DAIRY CIRCLE JUNCTION TO NEWTOWN BUS STOP-RHS										
	1500.00	1530.00	CUM	1.00	30.00			2.35	0.17	11.985	Bus bay portion
	1530.00	1560.00	CUM	1.00	30.00			2.55	0.17	13.005	Bus bay portion
	1560.00	1585.00	CUM	1.00	25.00			2.3	0.17	9.775	Bus bay portion
	1585.00	1593.00	CUM								cross road
	1593.00	1600.00	CUM	1.00	7.00			2.3	0.17	2.737	
	1970.00	1980.00	CUM	1.00	10.00			1.55	0.17	2.635	
	1950.00	1960.00	CUM	1.00	6.70			1.8	0.17	2.05	13th cross
	1925.00	1935.10	CUM	1.00	10.10			3.7	0.17	6.35	128 Mahalakshmi sweets
	1737.00	1747.00	CUM	1.00	7.85			2	0.17	2.67	[illegible]
	1585.00	1593.00	CUM	1.00	6.75			3.5	0.17	4.02	Poonam hardware
	1492.00	1500.00	CUM	1.00	7.80			3	0.17	3.98	7th B Cross
	1478.00	1488.00	CUM	1.00	8.60			2.1	0.17	3.07	6th B main B sector(2 layers)
	1314.00	1320.00	CUM	1.00	9.80			1.6	0.17	2.56	4th B Mahaveer mobiles
	1148.00	1158.00	CUM	1.00	12.50			1.7	0.17	3.61	1st B road

1083.75

68.44

A.E.E. (Project)

A.E.E. (Project)

A.E.E. (Project)

CONTRACTOR

PMC

Asst. Executive Engineer/
Project Division BBMP
Yelahanka Zone

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	Stretch : From DAIRY CIRCLE JUNCTION TO NEWTOWN BUS STOP-LHS										
	1500.00	1515.00	CUM	1.00	15.00			2.7	0.17	6.885	Bus bay portion
	1515.00	1545.00	CUM	1.00	30.00			3	0.17	15.3	Bus bay portion
	1545.00	1575.00	CUM	1.00	30.00			3.6	0.17	18.36	Bus bay portion
	1575.00	1590.00	CUM	1.00	15.00			4.7	0.17	11.99	Bus bay portion
	1970.00	1980.00	CUM	1.00	10.00			1.5	0.17	2.55	Bus bay portion
	1980.00	1987.00	CUM	1.00	7.00			7.5	0.17	8.93	Near Kanti sweets
	1950.00	1960.00	CUM	1.00	6.30			3.3	0.17	3.53	
	1860.00	1870.00	CUM	1.00	7.90			1.5	0.17	2.01	Mahadev shoe centre
	1830.00	1840.00	CUM	1.00	8.90			1.8	0.17	2.72	Variety Bhandhar(3 layers)
			CUM	1.00	7.90			2.9	0.17	3.89	10th B Cross
	1805.00	1815.00	CUM	1.00	6.40			1.45	0.17	1.58	Muskhan
	1740.00	1747.00	CUM	1.00	5.60			1.8	0.17	1.71	9th B Cross
			CUM	1.00	6.60			1.9	0.17	2.13	Srinath gold palace
	1590.00	1600.00	CUM	1.00	6.90			3.9	0.17	4.57	7th B main road (2 layer)
	1500.00	1514.00	CUM	1.00	14.00			4	0.17	9.52	Near bus stand
	1492.00	1500.00	CUM	1.00	7.60			2	0.17	2.58	Asha sweets(3 layers)
	1463.00	1472.70	CUM	1.00	9.70			1.65	0.17	2.72	Show off shop
	1330.00	1340.30	CUM	1.00	10.30			1.6	0.17	2.80	Someshwara Gold(2 layers)
	1275.00	1283.00	CUM	1.00	10.90			1.65	0.17	3.06	Kotak bank(2 layers)
	1254.00	1259.00	CUM	1.00	6.50			1.5	0.17	1.66	3rd main road
	1231.00	1236.00	CUM	1.00	7.90			1.3	0.17	1.75	3rd A B main road
	1207.00	1211.00	CUM	1.00	6.50			1.5	0.17	1.66	2nd B main road
	1100.00	1210.00	CUM	1.00	5.20			1.6	0.17	1.41	Murthi shop(3 layers)
	For JUNCTION										
	FROM DAIRY CIRCLE JUNCTION TO CHIKKBOMMSANDRA JUNCTION										
1	1100.00		CUM	1	3.3			12.40	0.17	7.0	15A Road
2	1100.00		CUM	1	10			13.30	0.17	22.6	Chikkabommasandra arch road
3	1100.00		CUM	1	3.3			13.30	0.17	7.5	Sharavathi hotel road
	chambers		CUM	-15	1.00			0.6	0.17	-1.62	Deduction
	Total Quantity		Cum		413.80			2.81		1300.93	

A.E.E. (Project)

A.E.E. (Project)

A.E.E. (Project)

113.32

35.04

1300.55

20/06/2022

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

CONTRACTOR

PMC

BBMP

NCC LIMITED

BRUHAT BENGALURU MAHANAGAR PALIKE

Whitetopping of road from Shesadripuram First Grade College to Aroma Bakery Junction via 3rd A cross Road,1st A Main Road,16th B Cross Road

MEASUREMENT SHEET

BOQ Item no. 11

Providing and inserting of 12mm dia TMT bar at 500mm c/c & applying Lokfix of Fosroc chemical of approved brand for tie rods of 12mm dia & 500mm length for the construction of longitudinal joint in Pavement Quality Concrete (PQC) at every 500mm centre to centre along the length of the road, the 50% of the tie rods should be embeded on both sides of joint. The tie rod should be inserted in the PQC concrete with applying lokfix including cost of conveyance of all materials , labour, lead and lift charges and all other incidental charges as per the drawing, specifications and direction of Engineer In-charge etc., complete.

Sl No	Chainage		Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	From	To									
	For MCW PQC										
	Stretch : From DAIRY CIRCLE JUNCTION TO CHIKKBOMMSANDRA JUNCTION - MCW PQC										
1	1100.00	1108.00	RMT	1	8.00					8.00	
2	1108.00	1109.00	RMT	1						0.00	culvert
3	1109.00	1125.00	RMT	1	16.00					16.00	
4	1125.00	1155.00	RMT	1	30.00					30.00	
5	1155.00	1185.00	RMT	1	30.00					30.00	
6	1185.00	1215.00	RMT	1	30.00					30.00	
7	1215.00	1245.00	RMT	1	30.00					30.00	
8	1245.00	1275.00	RMT	1	30.00					30.00	
9	1275.00	1305.00	RMT	1	30.00					30.00	
10	1305.00	1335.00	RMT	1	30.00					30.00	
11	1335.00	1339.00	RMT	1	4.00					4.00	
12	1339.00	1340.00	RMT	1						0.00	culvert-2(agarval hospital)
13	1340.00	1343.00	RMT	1	3.00					3.00	
14	1343.00	1373.00	RMT	1	30.00					30.00	
15	1373.00	1390.00	RMT	1	17.00					17.00	
16	1390.00	1392.00	RMT	1						0.00	culvert
17	1392.00	1422.00	RMT	1	30.00					30.00	
18	1422.00	1452.00	RMT	1	30.00					30.00	
19	1452.00	1482.00	RMT	1	30.00					30.00	
20	1482.00	1496.00	RMT	1	14.00					14.00	
21	1496.00	1497.00	RMT	1						0.00	culvert

A.E.E. (Project)

A.E.E. (Project)

NCC LIMITED Bangalore

CONTRACTOR

PMC

Asst. Executive Engineer
Project Division
Yelahanka Zone BBMP
BBMP, Bangalore - 92

C/F 392.00 63

Sl No	Chainage		Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	From	To									
22	1497.00	1500.00	RMT	1	3.00					3.00	
23	1500.00	1530.00	RMT	1	30.00					30.00	
24	1530.00	1560.00	RMT	1	30.00					30.00	
25	1560.00	1590.00	RMT	1	30.00					30.00	
26	1590.00	1620.00	RMT	1	30.00					30.00	
27	1620.00	1650.00	RMT	1	30.00					30.00	
28	1650.00	1680.00	RMT	1	30.00					30.00	
29	1680.00	1710.00	RMT	1	30.00					30.00	
30	1710.00	1740.00	RMT	1	30.00					30.00	
31	1740.00	1746.00	RMT	1	6.00					6.00	
32	1746.00	1747.00	RMT	1						0.00	culvert
33	1747.00	1777.00	RMT	1	30.00					30.00	
34	1777.00	1807.00	RMT	1	30.00					30.00	
35	1807.00	1837.00	RMT	1	30.00					30.00	
36	1837.00	1867.00	RMT	1	30.00					30.00	
37	1867.00	1897.00	RMT	1	30.00					30.00	
38	1897.00	1927.00	RMT	1	30.00					30.00	
39	1927.00	1957.00	RMT	1	30.00					30.00	
40	1957.00	1980.00	RMT	1	23.00					23.00	
					RMT					874.00	0.75m c/c
					NOS					1165.00	

A.E.E. (Project)

A.E.E. (Project)

AE 20/06/2022

20/6/22

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

CONTRACTOR

PMC

BBMP

NCC LIMITED

BRUHAT BENGALURU MAHANAGAR PALIKE

Whitetopping of road from Shesadripuram First Grade College to Aroma Bakery Junction via 3rd A cross Road,1st A Main Road,16th B Cross Road

MEASUREMENT SHEET

BOQ Item no. 12

Providing and fixing DOWEL bars of dia 25mm,500mm length for construction joint in pavement Quality Concrete (PQC) at every construction joints along the width of the road ,the 50% of the dowel bar should be embeded on boths dies of joints,the exposed bar should be covered with PVC sleeves.The bar should be paints with epoxy paint and primer including cost of conveyance of all materials,labour lead and lift charges and all other incidental charges as per he drawing ,specifications and direction of Engineer In charge etc., complete.

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	For MCW PQC										
	Stretch : From DAIRY CIRCLE JUNCTION TO CHIKKBOMMSANDRA JUNCTION - MCW PQC										
	RHS										
	1125.00									12.00	
	1339.00									12.00	CULVERT
	1340.00									12.00	
	1339.00									12.00	CULVERT
	1340.00									12.00	
	1390.00									12.00	
	1392.00									12.00	CULVERT
	1477.00									12.00	
	1496.00									12.00	
	1497.00									12.00	CULVERT
	1577.00									12.00	
	1662.00									12.00	
	1746.00									12.00	
	1747.00									12.00	CULVERT
	1827.00									12.00	
	LHS									180.00	
	1125.00									12.00	
	1339.00									12.00	
	1340.00									12.00	CULVERT

216

A.E.E. (Project)

A.E.E. (Project)

A.E.E. (Project)

Kumudrol AE

NCC LIMITED Bangalore

CONTRACTOR

PMC

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

BBMP

C/F 216.00 (67)

Sl No	Chainage		Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	From	To									
	1339.00									12.00	CULVERT
	1340.00									12.00	
	1390.00									12.00	CULVERT
	1392.00									12.00	
	1477.00									12.00	
	1496.00									12.00	CULVERT
	1497.00									12.00	
	1577.00									12.00	
	1662.00									12.00	
	1746.00									12.00	CULVERT
	1747.00									12.00	
	1827.00									12.00	
Total Nos			Nos							360.00	

A.E.E. (Projec

Executive Engineer
20/06/2022.

288

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

CONTRACTOR

PMC

BBMP

NCC LIMITED

BRUHAT BENGALURU MAHANAGAR PALIKE

Whitetopping of road from Shesadripuram First Grade College to Aroma Bakery Junction via 3rd A cross Road,1st A Main Road,16th B Cross Road

MEASUREMENT SHEET

BOQ Item no. 10

Providing groove cutting for width of 4mm - 6mm and 1/3rd depth of PQC Whitetopping within 8-10 hrs of placing/finishing of PQC including cost of cutting machine, generators, HOM of machinery, blades, coolant etc., including cleaning of groove and providing sand and hot bituminous or equivalent approved sealant filling etc., including cost of conveyance of all materials, labour, lead and lift charges and all other incidental charges as per drawing and as per specifications.

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	For MCW PQC										
	Stretch : From DAIRY CIRCLE JUNCTION TO CHIKKBOMMSANDRA JUNCTION - MCW PQC										
	1980.00	1100.00	Rmt	6	850.00					5100.00	
	Traverse		Rmt	773	7.50					5795.45	
GROOVE CUTTING FOR CROSS ROADS										10895.45	
			Rmt	2	413.80					827.60	
	Traverse		Rmt	376	2.81					1058.26	
Total Quantity			**Rmt**							12781.31	

A.E.E. (Project)

9537.41

A.E.E. (Project)

20/06/2022

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

NCC LIMITED Bangalore

CONTRACTOR

PMC

BBMP

NCC LIMITED

BRUHAT BENGALURU MAHANAGAR PALIKE

Whitetopping of road from Shesadripuram First Grade College to Aroma Bakery Junction via 3rd A cross Road,1st A Main Road,16th B Cross Road

MEASUREMENT SHEET

BOQ Item no. 46

Providing and fixing pre cast solid cement concrete kerb stones made out of C. C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1 :3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete.

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	For KERBSTONE FIXING										
	Stretch : From DAIRY CIRCLE JUNCTION TO NEWTOWN BUS STOP-RHS										
	1100.00	1130.00	Rmt	1.00	30.00					30.00	
	1130.00	1148.00	Rmt	1.00	19.50					19.50	
	1148.00	1158.00									1st B Main Road
	1158.00	1188.00	Rmt	1.00	31.50					31.50	
	1188.00	1218.00	Rmt	1.00	30.00					30.00	
	1218.00	1248.00	Rmt	1.00	30.00					30.00	
	1248.00	1278.00	Rmt	1.00	30.00					30.00	
	1278.00	1308.00	Rmt	1.00	30.00					30.00	
	1308.00	1314.00	Rmt	1.00	7.50					7.50	
	1314.00	1320.00									4th B Main Road
	1320.00	1350.00	Rmt	1.00	31.50					31.50	
	1350.00	1380.00	Rmt	1.00	30.00					30.00	
	1380.00	1410.00	Rmt	1.00	30.00					30.00	
	1410.00	1440.00	Rmt	1.00	30.00					30.00	
	1440.00	1470.00	Rmt	1.00	30.00					30.00	
	1470.00	1478.00	Rmt	1.00	9.50					9.50	
	1478.00	1488.00									cross road
	1488.00	1492.00	Rmt	1.00	5.50					5.50	
	1492.00	1500.00	Rmt								cross road
	1500.00	1530.00	Rmt	1.00	31.50					31.50	
	1530.00	1560.00	Rmt	1.00	30.00					30.00	
	1560.00	1585.00	Rmt	1.00	26.50					26.50	
	1585.00	1593.00									cross road
	1593.00	1600.00	Rmt	1.00	8.50					8.50	
	1600.00	1630.00	Rmt	1.00	30.00					30.00	
	1630.00	1660.00	Rmt	1.00	30.00					30.00	
	1660.00	1690.00	Rmt	1.00	30.00					30.00	
	1690.00	1720.00	Rmt	1.00	30.00					30.00	
	1720.00	1737.00	Rmt	1.00	17.00					17.00	
	1737.00	1747.00	Rmt	1.00						0.00	9th b cross road
	1747.00	1777.00	Rmt	1.00	30.00					30.00	
	1777.00	1807.00	Rmt	1.00	30.00					30.00	
	1807.00	1837.00	Rmt	1.00	30.00					30.00	

A.E.E. (Project)

A.E.E. (Project)

698.50

Asst. Executive Engineer
Project Division BBMP
Yelahanka Zone
BBMP, Bangalore - 92

NCC LIMITED Bangalore
CONTRACTOR

PMC

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	1837.00	1867.00	Rmt	1.00	30.00					30.00	
	1867.00	1897.00	Rmt	1.00	30.00					30.00	
	1897.00	1925.00	Rmt	1.00	28.00					28.00	
	1925.00	1935.00									cross road near mahalakshmi sweets
	1935.00	1950.00	Rmt	1.00	15.00					15.00	
	1950.00	1960.00									cross road near VIVO Showroom
	1960.00	1980.00	Rmt	1.00	20.00					20.00	
	For KERBSTONE FIXING										
	Stretch : From DAIRY CIRCLE JUNCTION TO NEWTOWN BUS STOP-LHS										
	1100.00	1130.00	CUM	1.00	30.00					30.00	
	1130.00	1160.00	CUM	1.00	30.00					30.00	
	1160.00	1190.00	CUM	1.00	30.00					30.00	
	1190.00	1207.00	CUM	1.00	18.50					18.50	
	1207.00	1211.00	CUM	1.00						0.00	2 B sector cross road
	1211.00	1231.00	cum	1.00						0.00	not done
	1231.00	1236.00	cum							0.00	3A B main road B sector
	1236.00	1254.00	CUM	1.00	19.50					19.50	
	1254.00	1259.00	CUM	1.00						0.00	3rd b main ROAd
	1259.00	1275.00	CUM	1.00	17.50					17.50	
	1275.00	1283.00								0.00	3rd b crossd road
	1283.00	1313.00	CUM	1.00	31.50					31.50	
	1313.00	1330.00	CUM	1.00	18.50					18.50	
	1330.00	1339.00	CUM	1.00						0.00	someswara cross road
	1339.00	1360.00	CUM	1.00	22.50					22.50	
	1360.00	1390.00	CUM	1.00	30.00					30.00	
	1390.00	1420.00	CUM	1.00	30.00					30.00	
	1420.00	1450.00	CUM	1.00	30.00					30.00	
	1450.00	1463.00	CUM	1.00	14.50					14.50	
	1463.00	1470.00	CUM	1.00						0.00	CROSS ROAD NEAR SHOW OFF
	1470.00	1492.00	CUM	1.00	23.50					23.50	
	1492.00	1500.00	CUM	1.00						0.00	CROSS ROAD
	1500.00	1515.00	CUM	1.00						0.00	not done - near bus top entry
	1515.00	1545.00	CUM	1.00	31.50					31.50	
	1545.00	1575.00	CUM	1.00	30.00					30.00	
	1575.00	1590.00	CUM	1.00	16.50					16.50	
	1590.00	1600.00									cross road
	1600.00	1630.00	Rmt	1.00	31.50					31.50	
	1630.00	1660.00	Rmt	1.00	30.00					30.00	
	1660.00	1690.00	Rmt	1.00	30.00					30.00	
	1690.00	1720.00	Rmt	1.00	30.00					30.00	

698.50

821.50

545.50

A.E.E. (Project)

A.E.E. (Project)

A.E.E. (Project)

A.E.E. (Project)

CONTRACTOR

PMC

Asst. Executive Engineer
Project Division

BBMP

CF 545.50 (71)

Sl No	Chainage		Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	From	To									
	1720.00	1740.00	Rmt	1.00	21.50					21.50	
	1740.00	1747.00	Rmt	1.00						0.00	9th b cross road
	1747.00	1777.00	Rmt	1.00	31.50					31.50	
	1777.00	1805.00	Rmt	1.00	28.00					28.00	
	1805.00	1815.00	Rmt								not done
	1815.00	1830.00	Rmt	1.00	16.50					16.50	
	1830.00	1840.00									11th b main road
	1840.00	1860.00	Rmt	1.00	21.50					21.50	
	1860.00	1870.00									12th b main read
	1870.00	1900.00	Rmt	1.00	31.50					31.50	
	1900.00	1930.00	Rmt	1.00	30.00					30.00	
	1930.00	1950.00	Rmt	1.00	20.00					20.00	
	1950.00	1960.00									near vivo show room
	1960.00	1980.00	Rmt	1.00	21.50					21.50	767.50
Total length			Rmt							1589.00	
Total Quantity			Nos							3531.00	

A.E.E. (Project) 20/6/2022

A.E.E. (Project)

20/06/2022

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

NCC LIMITED Bangalore
CONTRACTOR

PMC

BBMP

NCC LIMITED

BRUHAT BENGALURU MAHANAGAR PALIKE

Whitetopping of road from Shesadripuram First Grade College to Aroma Bakery Junction via 3rd A cross Road,1st A Main Road,16th B Cross Road

MEASUREMENT SHEET

BOQ Item no. 17

KSRB 14.6-1: Providing and laying heavy duty cobble stones 100mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of M40 over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. Specification No. KBS

Sl No	Chainage		Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	From	To									
	For Buffer										
	Stretch : From Yes Bank to Vishnu Park - LHS										
	175.00	190.00	Sqm	1	15.00	0.66	0.80	0.73		10.95	
	190.00	200.00	Sqm	1	10.00	0.80	0.90	0.85		8.50	
	200.00	210.00	Sqm	1	10.00	0.90	1.03	0.97		9.65	
	210.00	220.00	Sqm	1	10.00	1.03	1.16	1.10		10.95	
	220.00	230.00	Sqm	1	10.00	1.16	1.80	1.48		14.80	
	230.00	239.00	Sqm	1	9.00					0.00	
	239.00	250.00	Sqm	1	11.00	1.00	0.68	0.84		9.24	
	250.00	260.00	Sqm	1	10.00	0.68	0.68	0.68		6.80	
	260.00	270.00	Sqm	1	10.00	0.68	0.55	0.62		6.15	
	270.00	280.00	Sqm	1	10.00	0.55	0.68	0.62		6.15	
	280.00	290.00	Sqm	1	10.00	0.68	0.80	0.74		7.40	
	290.00	300.00	Sqm	1	10.00	0.80	0.80	0.80		8.00	
	300.00	310.00	Sqm	1	10.00	0.80	0.92	0.86		8.60	
	310.00	320.00	Sqm	1	10.00	0.92	1.03	0.98		9.75	
	320.00	330.00	Sqm	1	10.00	1.03	1.08	1.06		10.55	
	330.00	340.00	Sqm	1	10.00	1.08	1.03	1.06		10.55	
	340.00	350.00	Sqm	1	10.00	1.03	1.03	1.03		10.30	
	350.00	360.00	Sqm	1	10.00	1.03	1.08	1.06		10.55	
	360.00	365.00	Sqm	1	5.00	1.08	1.08	1.08		5.40	
	365.00	373.40	Sqm	1	8.40					0.00	
	373.40	380.00	Sqm	1	6.60	1.30	1.25	1.28		8.42	
	380.00	390.00	Sqm	1	10.00	1.25	1.20	1.23		12.25	
	390.00	400.00	Sqm	1	10.00	1.20	1.30	1.25		12.50	
	400.00	410.00	Sqm	1	10.00	1.30	1.45	1.38		13.75	

A.E.E. (Project)

A.E.E. (Project)

A.E.E. (Project)

A.E.E. (Project)

NCC LIMITED Bangalore

CONTRACTOR

AE

PMC

17.1.16

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

BBMP

CF 171.16

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	410.00	420.00	Sqm	1	10.00	1.45	1.38	1.42		14.15	
	420.00	435.00	Sqm	1	15.00	1.38	1.40	1.39		20.85	
	435.00	447.00	Sqm	1	12.00						PQC
	447.00	462.00	Sqm	1	15.00	1.45	1.50	1.48		22.13	
	462.00	477.00	Sqm	1	15.00	1.40	1.38	1.39		20.85	
	477.00	492.00	Sqm	1	15.00	1.45	1.50	1.48		22.13	
	492.00	507.00	Sqm	1	15.00	1.40	1.50	1.45		21.75	
	507.00	522.00	Sqm	1	15.00	1.40	1.42	1.41		21.15	
	522.00	537.00	Sqm	1	15.00	1.50	1.50	1.50		22.50	
	537.00	552.00	Sqm	1	15.00	1.40	1.43	1.42		21.23	
	552.00	567.00	Sqm	1	15.00	1.40	1.50	1.45		21.75	
	567.00	582.00	Sqm	1	15.00	1.48	1.50	1.49		22.35	
	582.00	597.00	Sqm	1	15.00	1.40	1.50	1.45		21.75	
	597.00	612.00	Sqm	1	15.00	1.47	1.50	1.49		22.28	
	612.00	627.00	Sqm	1	15.00	1.40	1.50	1.45		21.75	
	627.00	642.00	Sqm	1	15.00	1.40	1.50	1.45		21.75	
	642.00	657.00	Sqm	1	15.00	1.48	1.50	1.49		22.35	
	657.00	672.00	Sqm	1	15.00	1.40	1.48	1.44		21.60	
	672.00	687.00	Sqm	1	15.00	1.50	1.50	1.50		22.50	
	687.00	702.00	Sqm	1	15.00	1.50	1.50	1.50		22.50	
	702.00	717.00	Sqm	1	15.00	1.50	1.50	1.50		22.50	
	717.00	732.00	Sqm	1	15.00	1.50	1.50	1.50		22.50	
DEDUCTIONS											
CHAMBERS											
CHAINAGE											
	225.00		SQM	-1	1.13					-1.13	MH
	258.00		SQM	-1	1.13					-1.13	MH
	472.00		SQM	-1	1.13					-1.13	MH
	506.00		SQM	-1	1.13					-1.13	MH
	564.00		SQM	-1	1.00			0.70		0.70	OFC
BUFFER ZONE											

623.46
663.51
568.99
548.94
659.69

A.E.E. (Project)

A.E.E. (Project)

A.E.E. (Project)

CONTRACTOR

PMC

BBMP

559.69

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	Stretch : From DAIRY CIRCLE JUNCTION TO NEWTOWN BUS STOP-RHS										
	1110.00	1140.00	Sqm	1.00	30.00			1.35		40.50	
	1140.00	1170.00	Sqm	1.00	30.00			1.35		40.50	
	1170.00	1200.00	Sqm	1.00	30.00			1.35		40.50	
	1200.00	1230.00	Sqm	1.00	30.00			1.35		40.50	
	1230.00	1260.00	Sqm	1.00	30.00			1.35		40.50	
	1260.00	1290.00	Sqm	1.00	30.00			1.35		40.50	
	1290.00	1320.00	Sqm	1.00	30.00			1.35		40.50	
	1320.00	1350.00	Sqm	1.00	30.00			1.35		40.50	
	1350.00	1380.00	Sqm	1.00	30.00			1.35		40.50	
	1380.00	1410.00	Sqm	1.00	30.00			1.35		40.50	A.E.E. (Project)
	1410.00	1440.00	Sqm	1.00	30.00			1.35		40.50	
	1440.00	1470.00	Sqm	1.00	30.00			1.35		40.50	
	1470.00	1490.00	Sqm	1.00	20.00			1.35		27.00	
	1593.00	1600.00	Sqm	1.00	7.00			1.35		9.45	
	1600.00	1630.00	Sqm	1.00	30.00			1.35		40.50	
	1630.00	1660.00	Sqm	1.00	30.00			1.35		40.50	
	1660.00	1690.00	Sqm	1.00	30.00			1.35		40.50	
	1690.00	1720.00	Sqm	1.00	30.00			1.35		40.50	
	1720.00	1737.00	Sqm	1.00	17.00			1.35		22.95	
	1737.00	1747.00	Sqm	1.00	10.00			1.35		13.50	
	1747.00	1777.00	Sqm	1.00	30.00			1.35		40.50	A.E.E. (Project)
	1777.00	1807.00	Sqm	1.00	30.00			1.35		40.50	
	1807.00	1837.00	Sqm	1.00	30.00			1.35		40.50	
	1837.00	1867.00	Sqm	1.00	30.00			1.35		40.50	
	1867.00	1897.00	Sqm	1.00	30.00			1.35		40.50	
	[illegible]	1925.00	Sqm	1.00	28.00			1.35		37.80	
	1925.00	1935.00	Sqm	1.00	10.00			1.35		13.50	cross road near mahalakshmi sweets
	1935.00	1950.00	Sqm	1.00	15.00			1.35		20.25	
	1950.00	1960.00	Sqm	1.00	10.00			1.35		13.50	cross road near VIVO Showroom
	1960.00	1980.00	Sqm	1.00	20.00			1.35		27.00	
	Deductions for cross roads									1035.45	
	1950.00	1960.00	Sqm	-1.00	6.70			1.35		-9.05	13th cross
	1925.00	1935.10	Sqm	-1.00	10.10			1.35		-13.64	12B Mahalakshmi sweets
	1737.00	1747.00	Sqm	-1.00	7.85			1.35		-10.60	9th main

1002.17

A.E.E. (Project)

CONTRACTOR

PMC

BBMP

Cf 1002.17

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	1585.00	1593.00	Sqm	-1.00	6.75			1.35		-9.11	Poonam hardware
	1492.00	1500.00	Sqm	-1.00	7.80			1.35		-10.53	7th B Cross
	1478.00	1488.00	Sqm	-1.00	8.60			1.35		-11.61	6th B main B sector
	1314.00	1320.00	Sqm	-1.00	9.40			1.35		-12.69	4th B Mahaveer [illegible]
	1148.00	1158.00	Sqm	-1.00	12.50			1.35		-16.88	1st B road
	Stretch : From DAIRY CIRCLE JUNCTION TO NEWTOWN BUS STOP-LHS										
	1110.00	1140.00	Sqm	1.00	30.00			1.35		40.50	
	1140.00	1170.00	Sqm	1.00	30.00			1.35		40.50	
	1170.00	1200.00	Sqm	1.00	30.00			1.35		40.50	
	1200.00	1230.00	Sqm	1.00	30.00			1.35		40.50	
	1230.00	1260.00	Sqm	1.00	30.00			1.35		40.50	
	1260.00	1290.00	Sqm	1.00	30.00			1.35		40.50	
	1290.00	1320.00	Sqm	1.00	30.00			1.35		40.50	
	1320.00	1350.00	Sqm	1.00	30.00			1.35		40.50	
	1350.00	1380.00	Sqm	1.00	30.00			1.35		40.50	
	1380.00	1410.00	Sqm	1.00	30.00			1.35		40.50	
	1410.00	1440.00	Sqm	1.00	30.00			1.35		40.50	
	1440.00	1470.00	Sqm	1.00	30.00			1.35		40.50	
	1470.00	1490.00	Sqm	1.00	20.00			1.35		27.00	
	1600.00	1630.00	Sqm	1.00	30.00			1.35		40.50	
	1630.00	1660.00	Sqm	1.00	30.00			1.35		40.50	
	1660.00	1690.00	Sqm	1.00	30.00			1.35		40.50	
	1690.00	1720.00	Sqm	1.00	30.00			1.35		40.50	
	1720.00	1740.00	Sqm	1.00	20.00			1.35		27.00	
	1740.00	1747.00	Sqm	1.00	7.00			1.35		9.45	
	1747.00	1777.00	Sqm	1.00	30.00			1.35		40.50	
	1777.00	1805.00	Sqm	1.00	28.00			1.35		37.80	
	1805.00	1815.00	Sqm	2.00	10.00			1.35		27.00	
	1815.00	1830.00	Sqm	1.00	15.00			1.35		20.25	
	1830.00	1840.00	Sqm	1.00	10.00			1.35		13.50	
	1840.00	1860.00	Sqm	1.00	20.00			1.35		27.00	
	1860.00	1870.00	Sqm	1.00	10.00			1.35		13.50	
	1870.00	1900.00	Sqm	1.00	30.00			1.35		40.50	
	1900.00	1930.00	Sqm	1.00	30.00			1.35		40.50	
	1930.00	1950.00	Sqm	1.00	20.00			1.35		27.00	

941.35

A.E.E. (Project)

A.E.E. (Project)

A.E.E. (Project)

999.00

CONTRACTOR

PMC

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP
Bangalore - 92

CF 999.00

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	1950.00	1960.00	Sqm	1.00	10.00			1.35		13.50	
	1960.00	1970.00	Sqm	1.00	10.00			1.35		13.50	
	Deductions for cross roads									1026.00	
	1860.00	1870.00	Sqm	-1.00	7.90			1.35		-10.67	Mahadev shoe centre
	1830.00	1840.00	Sqm	-1.00	8.90			1.35		-12.02	Variety hand looks
			Sqm	-1.00	7.90			1.35		-10.67	10th B Cross
	1805.00	1815.00	Sqm	-1.00	6.40			1.35		-8.64	Muskhan
	1740.00	1747.00	Sqm	-1.00	5.60			1.35		-7.56	9th B Cross
			Sqm	-1.00	6.60			1.35		-8.91	Srinath gold palace
	1590.00	1600.00	Sqm	-1.00	6.90			1.35		-9.32	7th B main road
	1500.00	1514.00	Sqm	-1.00	14.00			1.35		-18.90	Near bus stand
	1492.00	1500.00	Sqm	-1.00	7.60			1.35		-10.26	Asha sweets
	1463.00	1472.70	Sqm	-1.00	9.70			1.35		-13.10	Show off shop
	1330.00	1340.30	Sqm	-1.00	10.30			1.35		-13.91	Someshwara road
	1275.00	1283.00	Sqm	-1.00	10.90			1.35		-14.72	Kotak bank
	1254.00	1259.00	Sqm	-1.00	6.50			1.35		-8.78	3rd main road
	1231.00	1236.00	Sqm	-1.00	7.90			1.35		-10.67	3rd A B main road
	1207.00	1211.00	Sqm	-1.00	6.50			1.35		-8.78	2nd B cross road
	1100.00	1210.00	Sqm	-1.00	5.20			1.35		-7.02	Mufthi showroom
	For JUNCTION									852.12	
	FROM DAIRY CIRCLE JUNCTION TO CHIKKBOMMSANDRA JUNCTION										
1	1100.00		CUM	-1	12.40			1.35		-16.74	15A Road
2	1100.00		CUM	-1	13.30			1.35		-17.955	Chikkabommasandra arch road
3	1100.00		CUM	-1	13.30			1.35		-17.955	Sharavathi hotel road
	Deductions for Bus stand										
	1500.00	1593.00	Sqm	-1.00	93.00			1.35		-125.55	
						GRAND TOTAL				2274.96	

A.E.E. (Project)

A.E.E. (Project)

A.E.E. (Project)

AE
20/06/2022

CONTRACTOR

PMC

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

BBMP

NCC LIMITED

BRUHAT BENGALURU MAHANAGAR PALIKE

Whitetopping of road from Shesadripuram First Grade College to Aroma Bakery Junction via 3rd A cross Road,1st A Main Road,16th B Cross Road

MEASUREMENT SHEET

BOQ Item no. 18

KSRRB M2200-5.6. Providing and laying Design mix M30 with OPC @ 360kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @31ts confirming to 1B9103-1999 Reaffirmed-2008 including cost of materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. - i) upto 5 m height

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	For Buffer										
	Stretch : From Yes Bank to Vishnu Park - LHS										
	175.00	190.00	cum	1	15.00			0.15	0.17	0.38	
	190.00	200.00	cum	1	10.00			0.15	0.17	0.26	
	200.00	210.00	cum	1	10.00			0.15	0.17	0.26	
	210.00	220.00	cum	1	10.00			0.15	0.17	0.26	
	220.00	230.00	cum	1	10.00			0.15	0.17	0.26	
	230.00	239.00	cum	1	9.00			0.15	0.17	0.23	12th A Main
	239.00	250.00	cum	1	11.00			0.15	0.17	0.28	
	250.00	260.00	cum	1	10.00			0.15	0.17	0.26	
	260.00	270.00	cum	1	10.00			0.15	0.17	0.26	
	270.00	280.00	cum	1	10.00			0.15	0.17	0.26	
	280.00	290.00	cum	1	10.00			0.15	0.17	0.26	
	290.00	300.00	cum	1	10.00			0.15	0.17	0.26	
	300.00	310.00	cum	1	10.00			0.15	0.17	0.26	
	310.00	320.00	cum	1	10.00			0.15	0.17	0.26	
	320.00	330.00	cum	1	10.00			0.15	0.17	0.26	
	330.00	340.00	cum	1	10.00			0.15	0.17	0.26	
	340.00	350.00	cum	1	10.00			0.18	0.17	0.26	
	350.00	360.00	cum	1	10.00			0.15	0.17	0.26	
	360.00	365.00	cum	1	5.00			0.15	0.17	0.13	
	365.00	373.40	cum	1	8.40			0.15	0.17	0.21	2nd A Main
	373.40	380.00	cum	1	6.60			0.15	0.17	0.17	
	380.00	390.00	cum	1	10.00			0.15	0.17	0.26	
	390.00	400.00	cum	1	10.00			0.15	0.17	0.26	
	400.00	410.00	cum	1	10.00			0.15	0.17	0.26	
	410.00	420.00	cum	1	10.00			0.15	0.17	0.26	
	420.00	435.00	cum	1	15.00			0.15	0.17	0.38	

A.E.E. (Project)

A.E.E. (Project)

A.E.E. (Project)

6.63

NCC LIMITED Bangalore

CONTRACATOR

PMC

Asst. Executive Engineer
Project Division BBMP
Yelahanka Zone

C/F 6.63

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	435.00	447.00	cum	1						0.00	PQC
	447.00	462.00	cum	1	15.00			0.15	0.17	0.38	
	462.00	477.00	cum	1	15.00			0.15	0.17	0.38	
	477.00	492.00	cum	1	15.00			0.15	0.17	0.38	
	492.00	507.00	cum	1	15.00			0.15	0.17	0.38	
	507.00	522.00	cum	1	15.00			0.15	0.17	0.38	
	522.00	537.00	cum	1	15.00			0.15	0.17	0.38	
	537.00	552.00	cum	1	15.00			0.15	0.17	0.38	
	552.00	567.00	cum	1	15.00			0.15	0.17	0.38	
	567.00	582.00	cum	1	15.00			0.15	0.17	0.38	
	582.00	597.00	cum	1	15.00			0.15	0.17	0.38	
	597.00	612.00	cum	1	15.00			0.15	0.17	0.38	
	612.00	627.00	cum	1	15.00			0.15	0.17	0.38	
	627.00	642.00	cum	1	15.00			0.15	0.17	0.38	
	642.00	657.00	cum	1	15.00			0.15	0.17	0.38	
	657.00	672.00	cum	1	15.00			0.15	0.17	0.38	
	672.00	687.00	cum	1	15.00			0.15	0.17	0.38	
	687.00	702.00	cum	1	15.00			0.15	0.17	0.38	
	702.00	717.00	cum	1	15.00			0.15	0.17	0.38	
	717.00	732.00	cum	1	15.00			0.15	0.17	0.38	
	Stretch : From DAIRY CIRCLE JUNCTION TO NEWTOWN BUS STOP-RHS									13.90	
	1593.00	1600.00	cum	1.00	7.00			0.15	0.17	0.18	
	1600.00	1630.00	cum	1.00	30.00			0.15	0.17	0.77	
	1630.00	1660.00	cum	1.00	30.00			0.15	0.17	0.77	
	1660.00	1690.00	cum	1.00	30.00			0.15	0.17	0.77	
	1690.00	1720.00	cum	1.00	30.00			0.15	0.17	0.77	
	1720.00	1737.00	cum	1.00	17.00			0.15	0.17	0.43	
	1737.00	1747.00	cum	1.00						0.00	9th b cross road
	1747.00	1777.00	cum	1.00	30.00			0.15	0.17	0.77	
	1777.00	1807.00	cum	1.00	30.00			0.15	0.17	0.77	
	1807.00	1837.00	cum	1.00	30.00			0.15	0.17	0.77	
	1837.00	1867.00	cum	1.00	30.00			0.15	0.17	0.77	
	1867.00	1897.00	cum	1.00	30.00			0.15	0.17	0.77	
	1897.00	1925.00	cum	1.00	28.00			0.15	0.17	0.71	
	1925.00	1935.00								0.00	cross road near mahalakshmi sweets

22.11

A.E.E. (Project)

A.E.E. (Project)

CONTRACATOR

PMC

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP

CF 22.11

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	1935.00	1950.00	cum	1.00	15.00			0.15	0.17	0.38	
	1950.00	1960.00								0.00	cross road near VIVO Showroom
	1960.00	1980.00	cum	1.00	20.00			0.15	0.17	0.51	
	1478.00	1488.00	CUM	1.00	8.60			0	0.2	0.00	6th B main B sector
	1478.00	1488.00	CUM	1.00	7.30			0	0.2	0.00	6th B main B sector
	Deductions for cross roads									0.00	23.00
	1950.00	1960.00	Sqm	-1.00	6.70			0.15	0.17	-0.17	13th cross
	1925.00	1935.10	Sqm	-1.00	10.10			0.15	0.17	-0.26	12B Mahalakshmi sweets
	1737.00	1747.00	Sqm	-1.00	7.85			0.15	0.17	-0.20	9th main
	1585.00	1593.00	Sqm	-1.00	6.75			0.15	0.17	-0.17	Poonam [illegible]
	1492.00	1500.00	Sqm	-1.00	7.80			0.15	0.17	-0.20	7th B Cross
	1478.00	1488.00	Sqm	-1.00	8.60			0.15	0.17	-0.22	6th B main B sector
	1314.00	1320.00	Sqm	-1.00	9.40			0.15	0.17	-0.24	4th B Mahaveer mobiles
	1148.00	1158.00	Sqm	-1.00	12.50			0.15	0.17	-0.32	1st B road
	Stretch : From DAIRY CIRCLE JUNCTION TO NEWTOWN BUS STOP-LHS										23.22
	1600.00	1630.00	cum	1.00	30.00			0.15	0.17	0.77	
	1630.00	1660.00	cum	1.00	30.00			0.15	0.17	0.77	
	1660.00	1690.00	cum	1.00	30.00			0.15	0.17	0.77	
	1690.00	1720.00	cum	1.00	30.00			0.15	0.17	0.77	
	1720.00	1740.00	cum	1.00	20.00			0.15	0.17	0.51	
	1740.00	1747.00	cum	1.00						0.00	9th b cross road
	1747.00	1777.00	cum	1.00	30.00			0.15	0.17	0.77	
	1777.00	1805.00	cum	1.00	28.00			0.15	0.17	0.71	
	1805.00	1815.00	cum	2.00	10.00			0.15	0.17	0.51	
	1815.00	1830.00	cum	1.00	15.00			0.15	0.17	0.38	
	1830.00	1840.00								0.00	11th b main road
	1840.00	1860.00	cum	1.00	20.00			0.15	0.17	0.51	
	1860.00	1870.00								0.00	12th b main road
	1870.00	1900.00	cum	1.00	30.00			0.15	0.17	0.77	
	1900.00	1930.00	cum	1.00	30.00			0.15	0.17	0.77	
	1930.00	1950.00	cum	1.00	20.00			0.15	0.17	0.51	
	1950.00	1960.00								0.00	near vivo show room
	1960.00	1970.00	cum	1.00	10.00			0.15	0.17	0.26	
	1590.00	1600.00	CUM	0.00	6.90			3.9	0.2	0.00	7th B main road

A.E.E. (Projec

A.E.E. (Projec

29.97

CONTRACATOR

PMC

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP

Sl No	Chainage		Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Hazlarks
	From	To									
	1590.00	1600.00	CUM	0.00	6.90			1.5	0.2	0.00	7th B main road
	1492.00	1500.00	CUM	0.00	7.60			2	0.2	0.00	Asha sweets road
	1492.00	1500.00	CUM	0.00	7.15			2.45	0.2	0.00	Asha sweets road
	1330.00	1340.30	CUM	0.00	10.30			1.6	0.2	0.00	Someshwara road
	1330.00	1337.30	CUM	0.00	7.30			3	0.2	0.00	Someshwara road
	1275.00	1283.00	CUM	0.00	10.90			1.65	0.2	0.00	Kotak bank road
	1275.00	1283.00	CUM	0.00	7.00			2.8	0.2	0.00	Kotak bank road
	1100.00	1210.00	CUM	0.00	5.20			1.6	0.2	0.00	Mufthi showroom road
	1100.00	1210.00	CUM	0.00	3.50			2.45	0.2	0.00	Mufthi showroom road
	Deductions for cross roads										
	1860.00	1870.00	Sqm	0.00	7.90			0.15	0.17	0.00	Mahadev shoe centre road
	1830.00	1840.00	Sqm	0.00	8.90			0.15	0.17	0.00	Variety hand looks road
			Sqm	0.00	7.90			0.15	0.17	0.00	10th B Cross road
	1805.00	1815.00	Sqm	0.00	6.40			0.15	0.17	0.00	Muskhan road
	1740.00	1747.00	Sqm	0.00	5.60			0.15	0.17	0.00	9th B Cross road
			Sqm	0.00	6.60			0.15	0.17	0.00	Srinath gold palace road
	1590.00	1600.00	Sqm	0.00	6.90			0.15	0.17	0.00	7th B main road
	1500.00	1514.00	Sqm	0.00	14.00			0.15	0.17	0.00	Near bus stand road
	1492.00	1500.00	Sqm	0.00	7.60			0.15	0.17	0.00	Asha sweets road
	1463.00	1472.70	Sqm	0.00	9.70			0.15	0.17	0.00	Show off shop road
	1330.00	1340.30	Sqm	0.00	10.30			0.15	0.17	0.00	Someshwara road
	1275.00	1283.00	Sqm	0.00	10.90			0.15	0.17	0.00	Kotak bank road
	1254.00	1259.00	Sqm	0.00	6.50			0.15	0.17	0.00	3rd main road
	1231.00	1236.00	Sqm	0.00	7.90			0.15	0.17	0.00	3rd A B main road
	1207.00	1211.00	Sqm	0.00	6.50			0.15	0.17	0.00	2nd B main road
	1100.00	1210.00	Sqm	0.00	5.20			0.15	0.17	0.00	Mufthi showroom
	Deductions for Bus stand										
	1500.00	1585.00	Sqm	-1.00	85.00			0.15	0.17	-2.17	
						GRAND TOTAL				27.80	

29.97

29.97

A.E.E. (Proje

A.E.E. (Proje

CONTRACATOR

20/6/2022

PMC

Asst. Executive Engineer
Project Division
Yelahanka Zone BBMP
BBMP, Bangalore - 92

NCC LIMITED
BRUHAT BENGALURU MAHANAGAR PALIKE

Whitetopping of road from Shesadripuram First Grade College to Aroma Bakery Junction via 3rd A cross Road,1st A Main Road,16th B Cross Road

MEASUREMENT SHEET

BOQ Item no. 19

KSRRB MB00-43. Installation of a steel portable barricade with horizontal rail 300 mm wide, 2.5 m in length fitted on a 'A' frame made with 45 x 45 x 5 mm angle iron section, 1.5 m in height, horizontal rail painted (2 coats) with yellow and white stripes, 150 mm in width at an angle of 45°, 'A' frame painted with 2 coats of yellow paint, complete as per IRC:SP:55-2001 complete as per specifications.

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	For MCW PQC										
	Stretch : From DAIRY CIRCLE JUNCTION TO NEWTOWN BUS STOP - MCW PQC										
	LHS										
	1975.00		Each	2						2.00	
	1875.00		Each	2						2.00	
	1735.00		Each	2						2.00	
	1730.00		Each	2						2.00	
	1640.00		Each	2						2.00	
	1587.00		Each	2						2.00	
	1581.00		Each	2						2.00	
	1491.00		Each	2						2.00	
	1110.00		Each	2						2.00	
	RHS										
	1975.00		Each	1						1.00	
	1905.00		Each	2						2.00	
	1765.00		Each	2						2.00	
	1735.00		Each	2						2.00	
	1730.00		Each	2						2.00	
	1640.00		Each	2						2.00	
	1587.00		Each	2						2.00	
	1581.00		Each	2						2.00	
	1491.00		Each	2						2.00	
	1110.00		Each	2						2.00	
Total Nos			Each							37.00	

A.E.E. (Project)

A.E.E. (Project)

23/06/2022

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

NCC LIMITED Bangalore
CONTRACTOR

PMC

BBMP

NCC LIMITED

BRUHAT BENGALURU MAHANAGAR PALIKE

Whitetopping of road from Shesadripuram First Grade College to Aroma Bakery Junction via 3rd A cross Road,1st A Main Road,16th B Cross Road

MEASUREMENT SHEET

BOQ Item no. 44

Providing and laying 100mm thick pre-cast cover slabs over drains of width not exceeding 800 mm using M20 concrete reinforced with steel @ 6.00 kg/Sqm, slabs jointed in CM 1:3 proportion and nicely finished including providing holes in the Cover slabs wherever necessary for easy drainage of surface water including of labour, materials, HOM, curing, lead and lift charges etc, Complete as per MORTH specifications No. 1500, 1700.

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	For DRAIN COVER SLABS										
	Stretch : From DAIRY CIRCLE JUNCTION TO NEWTOWN BUS STOP-RHS										
	1225.00	1230.00	RMT	1.00	5.00					5.00	
	1303.00	1307.00	RMT	1.00	4.00					4.00	
	1366.00	1375.00	RMT	1.00	9.00					9.00	
	1435.00	1440.00	RMT	1.00	5.00					5.00	
	1450.00	1465.00	RMT	1.00	15.00					15.00	
	1478.00	1488.00								0.00	CROSS ROAD
	1483.00	1492.00	RMT	1.00	9.00					9.00	
	1492.00	1500.00	RMT	1.00						0.00	CROSS ROAD
	1500.00	1530.00	RMT	1.00						0.00	not to be
	1530.00	1560.00	RMT	1.00	30.00					30.00	
	1563.00	1585.00	RMT	1.00	22.00					22.00	
	1585.00	1593.00	RMT	1.00						0.00	CROSS ROAD
	1593.00	1623.00	RMT	1.00	30.00					30.00	
	1623.00	1653.00	RMT	1.00	30.00					30.00	
	1653.00	1683.00	RMT	1.00	30.00					30.00	
	1683.00	1713.00	RMT	1.00	30.00					30.00	
	1713.00	1737.00	RMT	1.00	24.00					24.00	
	1737.00	1747.00	RMT	1.00						0.00	9th b cross road
	1747.00	1777.00	RMT	1.00	30.00					30.00	
	1777.00	1807.00	RMT	1.00	30.00					30.00	
	1807.00	1837.00	RMT	1.00	30.00					30.00	
	1837.00	1867.00	RMT	1.00	30.00					30.00	
	1867.00	1897.00	RMT	1.00	30.00					30.00	
	1897.00	1925.00	RMT	1.00	28.00					28.00	
	1925.00	1935.00	RMT	1.00							
	1935.00	1950.00	RMT	1.00	15.00					15.00	
	1950.00	1960.00	RMT	1.00							
	1960.00	1980.00	RMT	1.00	20.00					20.00	
								TOTAL		456.00	

A.E.E. (Project)

A.E.E. (Project)

NCC LIMITED Bangalore

CONTRACTOR

23/04/22

PMC

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP